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SECURITY INFORMATION

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1. a. SAG Kabel has a technical office in Dresden, commonly known to Germans as Technisches Buero Kabel (TB Kabel). Its proper title is NTB-2-Nauchnyy Tekhnicheskiiy Byuro. No. 2. NTB-2 is situated at Dresden-Dobritz, Breitscheidstrasse 76-78.
- b. The only Russian now at NTB-2 is the director, Aleksandr Tikhanov (phonetic), believed by the Germans to have formerly been a schoolteacher. The German director is Josef Watzula. (Josef has a brother Rudolf who should not be confused with him; both were in the USSR after the war).
- c. NTB-2 has a staff of some 400 Germans and is divided into three main departments: production, technology and testing.
- d. Assignments reach NTB-2 through three channels:
 - (1) From the Russian MEF (Ministry for the Electrical Industry, Moscow Ministerstvo Elektropromyshlennosti) via SAG Kabel headquarters.
 - (2) Particularly recently - German assignments from the East German State Planning Commission.
 - (3) Subcontracting assignments from other firms in SAG Kabel (e.g. Werk fuer Fernmeldewesen 'HF').
- e. Normally with assignments from Moscow, the Russians state a demand for, as an example, the development of some particular type of electric motor. They accompany the demand by a statement of essential specifications.

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NTB-2 then designs a suitable apparatus and submits plans and costs to Moscow. Approval of these, or suggested alterations, may take three to four months. NTB-2 will then probably build about four models of the finally approved version of the motor and ship these by rail to the USSR. Sometimes NTB-2 may have to build as many as 30 samples of an apparatus. It normally sends full series constructional details to the USSR and often sets of machine tools as well.

2. An example of a subcontract was NTB-2's recent construction of polarized telegraph relays (Siemens type 64) and sets of machine tools for manufacturing these. The work was subcontracted to NTB-2 by the Werk fuer Fernmeldewesen "HF" (formerly OSW), also of SAG Kabel. The staff of NTB-2 thought it likely that these relays would be used as teleprinter relays. The machine tools for the relays were recently shipped to the USSR (Stankoimport, Moscow) under export number EA-W1025/9249/057/52, Auftrag BT 64152 255-02 and Trans 66762.
3. a. NTB-2 also built about 100 vacuum pumps in 1951 and is to build another 100 in 1952. It is not known exactly who placed this assignment with NTB-2 but certainly a number of the pumps in 1951 went to other sections of SAG Kabel.
- b. The 1951 pumps were, more accurately, pre-vacuum (Vorvakuum) pumps. They were exact copies of a Leybold (Koeln-Bayental) model and were 2-stage, 3-piston pumps, guaranteed to produce a vacuum of 10^{-3} millimeters of mercury (Tor), although they could actually produce a vacuum of 10^{-4} millimeters of mercury (Tor.)¹

Funkwerk Dresden VVB RFT: (formerly Radio H. Mende).

4. The plant has produced a number of fault-locating instruments (Fehler-Ortungs-Geraete). The Deutsche Post authorities have shown a great interest in these instruments, which are a form of oscillator for locating faults in electric leads. They can be used for locating faults in high tension leads. One example was recently successfully tested over a high tension circuit at Niederwartha. Further production is planned in 1952.

Elektromaschinenfabrik, Niedersiedlitz (SAG Kabel-formerly Sachsenwerk, Niedersiedlitz.)

5. The plant has recently received an order for the manufacture of 22 turbo-generators for the USSR. These will be 12,000 KVA, 6,000 V, with 5 m. steel shafts.

1. the pumps are used in Werk HF for producing a vacuum of 10^{-4} to 10^{-5} Tor only, and that Werk HF is now quite independent of the West for these pre-vacuum pumps.

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